Peak District National Park

Forecast valid from 00:00 on Thursday 05 May 2022 until 23:59 on Friday 06 May 2022

Forecast Issued on Wednesday 04 May 2022 at 14:01

Confidence: High for the overall story but moderate for timings and intensity of the rain on Friday. High for a spell of fine and dry weather over the weekend.

Headline for Thursday 05 May 2022: Dry, feeling pleasant in any spells of sunshine.

Mountain weather hazards on Thursday 05 May 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Mist	Mist	Fog	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability							
<05%	<05%	<05%	10%	10%	20%	20%	20%

Forecast for Thursday 05 May 2022

Weather: Some mist and patchy low cloud overnight, perhaps leading to a bit of hill fog around dawn. The cloud will however break and lift shortly after sunrise, with sunny spells for most although they are expected to be more frequent or prolonged in eastern parts. Dry throughout

Chance of cloud-free hill tops above 600m: 10-20% in the west at first, 30-40% in the east. Becoming >95% around midday and after.

Low cloud and visibility: Generally good in the east at first, with patchy low cloud around 500m, but mediocre in the west, with broken cloud as low as 350m. The cloud will lift above summits shortly before midday, the visibility becoming excellent all around.

Forecast for Thursday 05 May 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/15 W	10/14 W	11/15 W	12/17 W	14/20 W	14/21 W	12/18 W	11/16 SW	11/17 SW
300	8/13 W	6/10 W	8/11 W	9/14 W	10/15 W	11/17 W	7/11 W	7/11 SW	7/13 SW
Valley	5/12 W	4/10 W	4/8 W	6/12 W	8/16 W	10/18 W	6/13 W	4/10 SW	5/13 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/2	4/1	5/2	7/4	10/7	11/9	10/8	9/6	8/5
300	8/5	7/5	7/5	10/8	12/11	14/12	13/12	11/10	9/8
Valley	8/6	7/6	8/7	11/9	14/12	15/13	14/13	10/10	10/9
Freezing Level*	1700m	1600m	1900m	2100m	2100m	2200m	2200m	2200m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Breezy at height but feeling pleasantly warm to the lee of any hills.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 04 May 2022	9mm	17.2mm	17.2mm

Forecast for Friday 06 May 2022

Weather: Some mist and areas of low cloud at first, slowly lifting through the morning. However a band of rain will soon move across the region during the afternoon, heavy at times and accompanied by extensive low cloud and hill fog. The rain will clear southeast early evening, followed by developing clear skies. Feeling chilly in the wind.

Maximum wind: Westerly 15-20mph with gusts 25-30mph

Chance of cloud-free hill tops above 600m: 10-20% in the west at first, 30-40% in the east. Becoming 50-70% for a time around midday, but down to 10-20% in the afternoon again. 95% in the evening.

Low cloud and visibility: Generally good in the east at first, with patchy low cloud around 450m, but mediocre in the west, with broken cloud as low as 300m. The visibility will improve to become good for a time, but will fall to poor or mediocre in any rain, with hill fog rolling in and the cloud becoming as low as 150m, particularly in the west.

Temperature: **Valleys:** Plus 8 deg C rising to 15 deg C by the early afternoon.
At 600m: Plus 6 deg C rising to 10 deg C by the early afternoon.
Freezing level: Above summits.